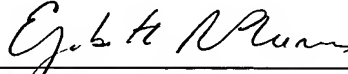


Remarks

Applicants have amended the specification to provide priority application information and information regarding the publication in English under PCT Article 21(2) of the PCT application of which the above-identified application is a U.S. national stage application.

Respectfully submitted,



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Appendix A

Marked Up Specification Amendments

Added Section

--Related Applications

This application is a national stage filing 35 U.S.C. §120 or 35 U.S.C. §365(c) of PCT International application PCT/G00/05189 designating the United States of America, and filed April 25, 2000, of which this application is a national stage filing under 35 U.S.C. §371, was published under PCT Article 21(2) in English.--

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Appendix BMarked Up Claim Amendments

4. (Amended) A composition as claimed in claim [3]2 wherein the concentration of essential oil is about 4% w/v of the composition.

5. (Amended) A composition as claimed in [any preceding] claim 1 wherein the gel is based on agar, agarose, gelatin or a synthetic gelling agent.

7. (Amended) A composition as claimed in claim [4]5 [or claim 5] wherein the gel is a carbomer.

8. (Amended) A composition as claimed in claim 5 [any one of claims 5 to 7] wherein the gelling agent contains about 0.1 to about 95%, preferably about 0.1 to about 66% water v/v and/or alcohol, preferably isopropyl alcohol (IPA) at about 0.1% to about 20% v/v.

9. (Amended) A composition as claimed in [any preceding] claim 1 wherein said essential oil is obtained from *Salvia lavandulifolia* or *Salvia officinalis*.

10. (Amended) A composition as claimed in [any one of] claim[s] 1 [to 8] wherein said essential oil is obtained from a plant of the genera *Citrus*.

11. (Amended) A composition as claimed in [any one of] claim[s] 1 [to 8] which includes essential oil obtained from the plant genera *Salvia* and *Citrus*.

13. (Amended) A composition as claimed in [any preceding] claim 1 comprising an anti-pruritic agent.

15. (Amended) A composition as claimed in claim [14] 13 wherein said composition includes *Aloe vera* gel.

16. (Amended) A composition as claimed in claim [15] 13 which comprises about 0.1 to about 5.0% w/v *Aloe vera* gel.

17. (Amended) A composition as claimed in [any one of] claim[s] 12 to 16] 13 which comprises about 0.5% w/v *Aloe vera* gel.

[18. (Cancelled) Use of a gel and essential oil selected from the essential oils defined in claim 1 in the manufacture of a composition as claimed in [any one of] claim[s] 1 [to 17] for the treatment of a human or animal having a parasitic insect infestation.]

19. (Amended) A method of treating a human or animal suffering from a parasitic insect infestation comprising applying to said human or animal a composition as claimed in [any one of] claim[s] 1 [to 17].

24. (Amended) A composition as claimed in [any one of] claim[s] 20 [to 23] wherein the alcohol is isopropyl alcohol.

25. (Amended) A composition as claimed in [any one of] claim[s] 20 [to 24] wherein said essential oil is obtained from *Salvia lavandulifolia* or *Salvia officinalis*.

26. (Amended) A composition as claimed in [any one of] claim[s] 20 [to 24] wherein said essential oil is obtained from a plant of the genera *Citrus*.

27. (Amended) A composition as claimed in [any one of] claim[s] 20 [to 24] wherein said essential oil is obtained from the genera *Salvia* and *Citrus*.

28. (Amended) A composition as claimed in [any one of] claim[s] 20 [to 27] which is formulated as a dip, spray or pour-on treatment.

30. (Amended) A method of treating a human or animal suffering from a parasitic insect infestation comprising applying to said human or animal a composition as claimed in [any one of] claim[s] 20[, 21, 24, 25, 26, 27 and 28].

[31. (Cancelled) Use of a vegetable oil/alcohol vehicle and an essential oil as claimed in claim 22 in the manufacture of a medicament for the treatment of an animal having a parasitic insect infestation.]

32. (Amended) A method of treating an animal having a parasitic insect infestation comprising applying to said animal a composition as claimed in [any of] claim[s] 22 [to 28].

33. (Amended) A composition for use as claimed in [any one of] claim[s] 1 [to 17 and 20 to 28] wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.

35. (Amended) A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishings to a composition of the type defined in [any one of] claim[s] 20[, 21, 24, 25, 26, 27 and 29].

36. (Amended) A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a composition of the type defined in [any one of] claim[s] 20[, 21, 24, 25, 26, 27 and 29].

39. (Amended) A composition as claimed in claim 38 wherein said gel is as defined in [any one of] claim[s] 5 [to 7].

40. (Amended) A method of treating a human or animal having a parasitic insect infestation comprising administering

[Use of] a gel and an essential oil defined in claim[s] 38 [or 39 in the manufacture of a composition as claimed in claim 38 or 39 for the treatment of a human or animal having a parasitic insect infestation].

43. (Amended) A composition for use as claimed in claim 41 [or 42] wherein said galanthamine or extract is dissolved in an oil-based medium, a water/alcohol based medium or is formulated as a hair conditioner or shampoo or as a gel, dip or pour on treatment.

44. (Amended) A composition as claimed in claim 43 wherein said gel is as defined in [any one of] claim[s] 5 [to 7].

[47. (Cancelled) Use of galanthamine or an extract of *Narcissus* in the manufacture of a composition for treating a human or animal suffering from a parasitic insect infestation.]

48. (Amended) A method of treating a human or animal suffering from a parasitic insect infestation which comprises applying to said human or animal a composition as claimed in [any one of] claim[s] 41 [to 46].

49. (Amended) A composition for use as claimed in [any one of] claim[s] 41 [to 46] wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.

51. (Amended) A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishings or clothing to a composition of the type defined in [any one of] claim[s] 41 [to 46, 49 and 50].

52. (Amended) A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a composition of the type defined in [any one of] claim[s] 41 [to 46, 49 and 50].

53. (Amended) A method for killing parasitic insects selected from the *genera Aphis, Chilo, Dysdercus, Megoura, Musca, Pieris, Nilaparvata, Nephrotettix, Tetranychus, Trialeurodes, Thysanoptera and Lepidoptera*, by applying the compositions of [any one of] claim[s] 38 [to 46].

54. (Amended) A method for treating humans, animals having a parasitic insect infestation comprising administering by topical application [Use of] a gel carrier and one of, or a combination of two or more of, the terpenes and terpenoids selected from the group consisting of: sabinene, sabinene(+), sabinene(-), limonene(D), limonene(L), caryophyllene, myrcene, terpinen-4-ol, p-cymene, borneol, camphor, p-cymene, α -terpineol, camphene, α -pinene, β -pinene, linalool, 1,8-cineol, α/β thujone, camphene [, for the preparation of a medicament for treating humans, animals having a parasitic insect infestation suitable for topical administration].

55. (Amended) Method [Use] as claimed in claim 54 wherein said terpene or terpenoid is selected from one or more of sabinene, p-cymene, β -pinene, myrcene, limonene and terpinen-4-ol.

56. (Amended) Method [Use] as claimed in claim [55] 54 wherein said terpenes/terpenoids are chosen from a combination of sabinene with limonene and/or terpinen-4-ol.

57. (Amended) Method of treating humans, animals having a parasitic insect infestation comprising administering [Use of] one of the terpenes and terpenoids selected from the group consisting of: sabinene, sabinene(+), sabinene(-), limonene(D), limonene(L), caryophyllene, myrcene, terpinen-4-ol, p-cymene, borneol, camphor, p-cymene, α -terpineol, camphene, α -pinene, β -pinene, linalool, 1,8-cineol, α/β thujone, camphene, at a concentration of about 4% by weight or above [for the preparation of a medicament for treating humans, animals having a parasitic insect infestation].

58. (Amended) The method [use] of claim 57 modified to include one or more further terpene or terpenoid compounds from said group.

59. (Amended) A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishing and clothing to a gel carrier and one or more of the terpenes and terpenoids, as defined in [any one of] claim[s] 54[-58].

60. (Amended) A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a gel carrier and one or more of the terpenes, terpenoids as defined in [any one of] claim[s] 54[-58].

61. (New) A composition as claimed in claim 22 wherein the alcohol is isopropyl alcohol.

62. (New) A composition as claimed in claim 22 wherein said essential oil is obtained from *Salvia lavandulifolia* or *Salvia officinalis*.

63. (New) A composition as claimed in claim 22 wherein said essential oil is obtained from a plant of the genera *Citrus*.

64. (New) A composition as claimed in claim 22 wherein said essential oil is obtained from the genera *Salvia* and *Citrus*.

65. (New) A composition as claimed in claim 22 which is formulated as a dip, spray or pour-on treatment.

66. (New) A composition for use as claimed in claim 20 wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.

67. (New) A composition for use as claimed in claim 22 wherein said parasitic insects are selected from lice, lice eggs, mites, fleas or parasites associated with blowfly strike.

68. (New) A composition as claimed in claim 66 wherein said parasitic insects are selected from head lice (*Pediculus humanus capitis*, syn. *P. capitis*), clothing lice (*Pediculus humanus humanus* syn. *P. corporis*), pubic lice (*Phthirus pubis*), biting lice (*Bovicula ovis*), scab mite (*Psoroptes ovis*), ear mite (*Psoroptes cuniculi*), dust mites (primarily of the genus *Dermatophagoides*, pig mites, cat fleas (*Ctenocephalides felis*), dog fleas (*C. canis*), horse fleas and *Lucilia* or *Chrysomya* species.

69. (New) A composition as claimed in claim 67 wherein said parasitic insects are selected from head lice (*Pediculus humanus capitis*, syn. *P. capitis*), clothing lice (*Pediculus humanus humanus* syn. *P. corporis*), pubic lice (*Phthirus pubis*), biting lice (*Bovicula ovis*), scab mite (*Psoroptes ovis*), ear mite (*Psoroptes cuniculi*), dust mites (primarily of the genus *Dermatophagoides*, pig mites, cat fleas (*Ctenocephalides felis*), dog fleas (*C. canis*), horse fleas and *Lucilia* or *Chrysomya* species.

70. (New) A method for killing parasitic insects selected from the genera *Aphis*, *Chilo*, *Dysdercus*, *Megoura*, *Musca*, *Pieris*, *Nilaparvata*, *Nephotettix*, *Tetranychus*, *Trialeurodes*, *Thysanoptera* and *Lepidoptera*, by applying the compositions of claim 41.

71. (New) A method suitable for treating furnishing or clothing to kill parasitic insects which comprises exposing said furnishing and clothing to a gel carrier and one or more of the terpenes and terpenoids, as defined in claim 57.

72. (New) A method suitable for treating plants to kill parasitic insects which comprises applying to said plants a gel carrier and one or more of the terpenes, terpenoids as defined in claim 57.

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